

3739



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
L. Paul G
10-25-02
#1/Response
Amended
(1 mo. Ext.)

APPLICANT: Francis E. O'Donnell, Jr.
SERIAL NO.: 09/741,132
FILED: December 19, 2000
EXAMINER: David M. Shay
DOCKET NO.: 6831
GROUP ART UNIT: 3739
FOR: Method and Apparatus for Improved PRK Accuracy

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on October 15, 2002.

Paul M. Denk No. 22,598

10/16/02
Date of Signature

Commissioner of Patents
Washington, DC 20231

RECEIVED
OCT 24 2002
October 15, 2002
St. Louis, Missouri

AMENDMENT
TECHNOLOGY CENTER R3700

Sir:

In response to the Office action of, please cancel Claim 1 and enter the following amendments by replacement as follows:

IN THE CLAIMS:

1 2. (Amended) A method for improving the accuracy of photorefractive keratectomy for a laser during ophthalmological surgery upon a patient, comprising:

a) identifying a photorefractive keratectomy ablation profile topography for the patient's eye;

converting said photorefractive keratectomy ablation profile topography into a targeted energy map based upon a predetermined ablation rate for the laser;

a